L Number	Hits	Search Text	DB	Time stamp
1	7689	valid$3 adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:56
2	1286	invalid$3 adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:03
3	2226	(dirty or modified) adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:04
4	3264	mark$3 near3 (dirty or modified)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:04
5	1974	mark$3 near3 valid$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:04
6	1961	mark$3 near3 invalid$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:04
7	3469580	fill$3 or load$3 or refill$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:04
8	89325	(fill$3 or load$3 or refill$3) with (disk or dasd or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:05
9	142638	(fill$3 or load$3 or refill$3) same (disk or dasd or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:05
12	15780	(miss$3 or mis-hit) same (fill$3 or load$3 or refill$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:43
13	456	((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3)) same ((miss$3 or mis-hit) same (fill$3 or load$3 or refill$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:06
14	99	(((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark$3 near3 (dirty or modified))) same ((miss$3 or mis-hit) same (fill$3 or load$3 or refill$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:07
15	1456	(page or segment) same ((miss$3 or mis-hit) same (fill$3 or load$3 or refill$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:07

C:\APPS\EAST\Workspaces\09932381.wsp

17	38	(page or segment) same ((((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark$3 near3 (dirty or modified))) same ((miss$3 or mis-hit) same (fill$3 or load$3 or refill$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:07
10	16	((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3)) same ((fill$3 or load$3 or refill$3) with (disk or dasd or disc))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:07
11	9	(((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark$3 near3 (dirty or modified))) same ((fill$3 or load$3 or refill$3) with (disk or dasd or disc))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:11
16	79	(page or segment) same (((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3)) same ((miss$3 or mis-hit) same (fill$3 or load$3 or refill$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:18
18	2704	(miss$3 or mis-hit) near2 (page or segment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:47
19	9	((fill$3 or load$3 or refill$3) same (disk or dasd or disc)) same ((miss$3 or mis-hit) near2 (page or segment))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:47
20	80	((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:47
21	17	((miss$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark$3 near3 (dirty or modified)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48
22	40	cach$3 same (((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48
23	12	cach$3 same (((miss$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark$3 near3 (dirty or modified))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48
25	5	(((miss$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark$3 near3 (dirty or modified)))) not (cach$3 same (((miss$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark$3 near3 (dirty or modified)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48

24	40	(((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3))) not (cach$3 same (((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48
26	39743	dma or (direct adj memory adj access$3) or dmac	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:49
27	33	(dma or (direct adj memory adj access$3) or dmac) same ((miss$3 or mis-hit) near2 (page or segment))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:50
28	0	((dma or (direct adj memory adj access$3) or dmac) same ((miss$3 or mis-hit) near2 (page or segment))) and ((((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3))) not (cach$3 same (((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:50
29	16	(dma or (direct adj memory adj access$3) or dmac) and ((((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3))) not (cach$3 same (((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:51

C:\APPS\EAST\Workspaces\09932381.wsp

30	24	((((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3))) not ((cach$3 same (((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3))))) not ((dma or (direct adj memory adj access$3) or dmac) and ((((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3))) not (cach$3 same (((miss$3 or mis-hit) near2 (page or segment)) same ((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3))))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:55
31	4104	(dma or (direct adj memory adj access$3) or dmac) near5 (mark$3 or set or setting or clear or reset or update)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:56
32	960	((dma or (direct adj memory adj access$3) or dmac) near5 (mark$3 or set or setting or clear or reset or update)) near10 (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:56
35	5	modified with (((dma or (direct adj memory adj access$3) or dmac) near5 (mark$3 or set or setting or clear or reset or update)) near10 (bit or indicator or flag or semaphore))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:57
34	19	dirty with (((dma or (direct adj memory adj access$3) or dmac) near5 (mark$3 or set or setting or clear or reset or update)) near10 (bit or indicator or flag or semaphore))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:58
33	73	(valid$3 or invalid$3) with (((dma or (direct adj memory adj access$3) or dmac) near5 (mark$3 or set or setting or clear or reset or update)) near10 (bit or indicator or flag or semaphore))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 16:00

L Number	Hits	Search Text	DB	Time stamp
1	6750	valid$3 adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
2	1130	invalid$3 adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
3	1992	(dirty or modified) adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
4	3262	mark$3 near3 (dirty or modified)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
5.	1974	mark$3 near3 valid$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
6	1961	mark$3 near3 invalid$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:10
7	39743	dma or (direct adj memory adj access$3) or dmac	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:11
8	75956	cach$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:15
9	131	((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access$3) or dmac)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:17
10	87	cach$3 and (((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access$3) or dmac))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:16
12	51	((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access$3) or dmac)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:16
13	37	(((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access$3) or dmac)) and cach$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:17
15	0	(((mark$3 near3 (dirty or modified)) and (mark$3 near3 valid$3)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:18
16	1	(((mark$3 near3 (dirty or modified)) and (mark$3 near3 valid$3)) same (dma or (direct adj memory adj access$3) or dmac))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:17

C:\APPS\EAST\Workspaces\09932381.wsp

11	44	((((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access$3) or dmac)) not (cach$3 and (((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access$3) or dmac)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:18
14	14	(((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access$3) or dmac)) not ((((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access$3) or dmac)) and cach$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:23
17	9	(((mark$3 near3 valid$3) or (mark$3 near3 invalid$3)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:27
18	13	((mark$3 near3 (dirty or modified)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:29
19	376	((((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore)) or (mark$3 near3 valid$3) or (mark$3 near3 invalid$3)) and (dma or (direct adj memory adj access$3) or dmac)) not cach$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:30
20	1039	((valid$3 or invalid$3) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:32
21	775	((dirty or modified) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:31
22	95	(((valid$3 or invalid$3) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3) and (((dirty or modified) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:31

C:\APPS\EAST\Workspaces\09932381.wsp

23	64	(((((valid$3 or invalid$3) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3) and (((dirty or modified) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3)) not (((((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access$3) or dmac)) not (cach$3 and (((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access$3) or dmac)))) or ((((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access$3) or dmac)) not ((((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access$3) or dmac)) and cach$3)) or ((((mark$3 near3 valid$3) or (mark$3 near3 invalid$3)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3) or (((mark$3 near3 (dirty or modified)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:31
24	172	(((mark$3 or indicat$3) near5 (valid$3 or invalid$3)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:32
25	29	(((mark$3 or indicat$3) near5 (dirty or modified)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:33
26	2	((((mark$3 or indicat$3) near5 (valid$3 or invalid$3)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3) and ((((mark$3 or indicat$3) near5 (dirty or modified)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:33
28	14	((((mark$3 or indicat$3) near5 (dirty or modified)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3) not ((((((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access$3) or dmac)) not (cach$3 and (((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access$3) or dmac)))) or ((((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access$3) or dmac)) not ((((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access$3) or dmac)) and cach$3)) or ((((mark$3 near3 valid$3) or (mark$3 near3 invalid$3)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3) or (((mark$3 near3 (dirty or modified)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:34

| 27 | 136 | (((((mark$3 or indicat$3) near5 (valid$3 or invalid$3)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3) not (((((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access$3) or dmac)) not (cach$3 and (((valid$3 adj (bit or indicator or flag or semaphore)) or (invalid$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access$3) or dmac)))) or ((((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access$3) or dmac)) not ((((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access$3) or dmac)) and cach$3)) or ((((mark$3 near3 valid$3) or (mark$3 near3 invalid$3)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3) or (((mark$3 near3 (dirty or modified)) same (dma or (direct adj memory adj access$3) or dmac)) not cach$3)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/25 14:35 |